

Voice Encryptor

CRYMOBILE-100

For Mobile Phone

User's Manual



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Introduction

The CRYMOBILE-100 is an analogue type of a mobile phone encryptor that provides complete mobile-to-mobile secure voice communication between CRYMOBILE users over the cellular.

If cell-phone user who need security of business serving in the government or a company, use the CRYMOBILE-100, they will take secure conversations each other.

The encryption technique of the CRYMOBILE-100 is different to Encryption Algorithm A5/1, A5/2 or A5/3 using in GSM system, so it has the excellent ability that its encryption can't be broken by existing intercept system.

As a key is made by random number of good quality using 256-bit AES encryption algorithm, the CRYMOBILE-100 assures very high level of cryptographic protection to important voice conversation.

The CRYMOBILE-100 can be connected to any cell-phone with the provided cable and easy to interface and operate.

The CRYMOBILE-100 can be carried comfortably in your pocket for use while driving or walking.

Configuration and Installation

- Configuration



Fig.1. Front of CRYMOBILE-100



Fig.2. Top and Side of CRYMOBILE-100

- 1 – [PWR] LED : display power status.
 - 2 – [S] LED : display device's status.
 - 3 – [N] LED : display Encryption Ready and Encryption status.
 - 4 – [FUNC Button : escape to clear mode.
 - 5 – [KEY] Button : function encryption starting.
 - 6 – Earset with microphone(attached).
 - 7 – Power switch : power on or off. Cable jack:
 - 8 – Rechargeable jack : recharge inside battery.
 - 9 – Cable jack : jack for cable which connect to mobile phone.
- Installation
- As shown in Fig.3, User connects between earset-jack of mobile phone and cable-jack of the device, using the cable which supplied with the product.



Fig.3. Assembly Status

How To Use

1. Power on.
Then [PWR] LED lights up green color and [S] LED lights up red color.
2. Push [KEY] button to enter Encryption Ready.
Then [S] LED is off and [N] LED lights up blue color.
(Other party also must push [KEY] button to enter Encryption Ready.)
3. After 2~3 seconds, *Master* pushes [KEY] button to set Encryption mode.
(When user has a talk in clear mode, User must decide who is *Master*.)
Then [S] LED lights up again and [N] LED lights up as ever.
4. Have a secure talk.
5. Push [FUNC] button to escape to clear mode.

Note:

- To ensure very good voice quality, the volume of mobile phone must be set to the minimum, but more than minimum according the model of mobile phone.